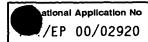


INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FOR FURTHER see Notification of Transmittal of International Search Repo				
RE/B45181	ACTION			
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/EP 00/02920	04/04/2000	19/04/1999		
Applicant				
SMITHKLINE BEECHAM BIOLOG	ICALS SA			
This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Searching Auth Insmitted to the International Bureau.	nority and is transmitted to the applicant		
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	report.		
Basis of the report				
a. With regard to the language, the	international search was carried out on the bases otherwise indicated under this item.	sis of the international application in the		
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of the	he international application furnished to this		
b. With regard to any nucleotide an was carried out on the basis of the		ternational application, the international search		
X contained in the internatio	nal application in written form.			
X filed together with the inte	rnational application in computer readable for	n.		
furnished subsequently to	this Authority in written form.			
furnished subsequently to	this Authority in computer readble form.			
the statement that the sub international application a	sequently furnished written sequence listing des filed has been furnished.	oes not go beyond the disclosure in the		
the statement that the info furnished	rmation recorded in computer readable form is	s identical to the written sequence listing has been		
2. X Certain claims were four	nd unsearchable (See Box I).			
3. Unity of Invention is laci	king (see Box II).			
4. With regard to the title ,				
the text is approved as su	bmitted by the applicant			
· ·	hed by this Authority to read as follows:			
	COMPRISING SAPONIN AND AN IN	MMUNOSTIMULATORY		
5. With regard to the abstract,				
	bmitted by the applicant. hed, according to Rule 38.2(b), by this Authorit date of mailing of this international search rep			
6. The figure of the drawings to be publi	ished with the abstract is Figure No.			
as suggested by the appli	cant.	X None of the figures.		
because the applicant faile	ed to suggest a figure.	<u> </u>		
because this figure better	characterizes the invention.			
L <u> </u>				

INTERMATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER
1PC 7 A61K39/00 A61K39/39

A61P37/08

A61P25/28

A61P31/04

A61P31/12

A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

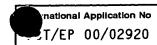
STRAND, EPO-Internal, BIOSIS, WPI Data, PAJ, MEDLINE, CANCERLIT, AIDSLINE, CHEM ABS Data, EMBASE, SCISEARCH

C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		,	
Category °	Citation of document, with indication, where appropriate, of the	ne relevant passages	Relevant to claim No.	
Х	WO 98 56415 A (AQUILA BIOPHARM RESEARCH FOUNDATION (US)) 17 December 1998 (1998-12-17) cited in the application	INC ;UAB	1-3, 8-22,24, 26-29	
Y	the whole document especially 18 - page 11 line 13	page 10 line	4-7,23, 25	
Y	WO 98 18810 A (UNIV 10WA RES F JOEL N (US); KRIEG ARTHUR M (U 7 May 1998 (1998-05-07) the whole document especially lines 16-20	S))	4-7,23, 25	
Υ	EP 0 855 184 A (HEEG KLAUS PRO;LIPFORD GRAYSON B DR (DE); WA PROF) 29 July 1998 (1998-07-29 the whole document	GNER HERMANN	4-7,23, 25	
χ Funt	ner documents are listed in the continuation of box C.	Patent family members are listed	lin annex.	
"A" docume consid "E" earlier of filing d "L" docume which citation "O" docume other r "P" docume	nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family		
Date of the	actual completion of the international search	Date of mailing of the international se	arch report	
13	8 October 2000	26/10/2000		
Name and n	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Stein, A		

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INTERNATIONAL SEARCH REPORT





Relevant to claim No.
5
1,4-7, 23-29
1,2,8-29
1–29
1–29
1-29

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INTERNATIONAL SEARCH REPORT

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national Application No T/EP 00/02920

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				CN	1235609 A	17-11-1999
			EP	0948510 A	13-10-1999	
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			AU	6293498 A	18-08-1998	
				WO	9832462 A	30-07-1998
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